

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**JPP-1235-DIV1**

In Re Application Of: **MACDOUGALD ET AL.**

Serial No.

Filing Date

**09/10/2003**

Examiner

Group Art Unit

Title: **METHOD FOR MANUFACTURING DENTAL RESTORATIONS**

Address to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
JPP-1235-DIV1

In Re Application: **MACDOUGALD ET AL.**

Serial No.

Filing Date  
09/10/2003

Examiner

Group Art Unit

**METHOD FOR MANUFACTURING DENTAL RESTORATIONS**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Typed or Printed Name of Person Signing Certificate*

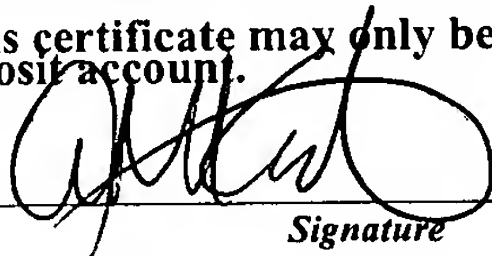
**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

\_\_\_\_\_  
*Signature of Person Mailing Correspondence*

\_\_\_\_\_  
*Typed or Printed Name of Person Mailing Certificate*

\*This certificate may only be used if paying by deposit account.

  
\_\_\_\_\_  
*Signature*

Dated: **September 10, 2003**

**ANN M. KNAB**  
**REG. NO. 33, 331**

CC:

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>JPP-1235-DIV1</b>		SERIAL NO.	
				MACDOUGALD ET AL.			
				FILING <b>09/10/2003</b>		GROUP	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,265,669	05-05-1981	STARLING ET AL.			
		4,585,417	04-29-1986	SOZIO ET AL.			
		4,689,197	08-25-1987	GROLL ET AL.			
		4,798,536	01-17-1989	KATZ			
		4,828,495	05-09-1989	BELL ET AL.			
		4,879,136	11-07-1989	POLZ			
		4,957,440	09-18-1990	HANKINS ET AL.			
		4,980,124	12-25-1990	DIMMER			
		5,080,589	01-14-1992	ODEN ET AL.			
		5,104,591	04-14-1992	MASUHARA ET AL.			
		5,121,329	06-09-1992	CRUMP			

FOREIGN PATENT DOCUMENTS									
*	EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
								YES	NO
			EP 0 328 772	08-23-1989	EUROPE			✓	
			EP 0 872 218 A2	10-21-1998	EUROPE			✓	
			EP 523 019	01-13-1993	EUROPE			✓	
			WO 94/08783	04-28-1994	PCT			✓	
			DE 198 20 763 A1	09-10-1997	GERMANY				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			DAE-JOO KIM and MYUNG-HYUN LEE, Mechanical Properties of Tape-Cast Alumina-Glass Dental Composites. J. Am. Ceram Soc. 82[11] 3167-72 (1999).
			KAPPERT, H. F. , KNODE, H., In-Ceram: Testing a New Ceramic Material. Quintessence, Vol. 16, 87-97, 1993

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>JPP-1235-DIV1</b>		SERIAL NO.	
				MACDOUGALD ET AL.			
				FILING <b>09/10/2003</b>		GROUP	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,346,397	09-13-1994	BRAIMAN			
		5,653,791	08-05-1997	PANZERA ET AL.			
		5,711,833	01-27-1998	APTE ET AL.			
		5,714,025	02-03-1998	BRUNGARDT			
		5,779,833	07-14-1998	CAWLEY ET AL.			
		5,788,498	08-04-1998	WOHLWEND			
		5,839,900	11-24-1998	BILLET ET AL.			
		5,866,058	02-02-1999	BATCHELDER ET AL.			
		5,900,207	05-04-1999	DANFORTH ET AL.			
		5,910,273	06-08-1999	THIEL ET AL.			
		5,916,498	06-29-1999	HOFMANN			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		60032706	02-19-1985	JAPAN				
		WO 01/15620 A1	03-08-2001	PCT				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			PCT INTERNATIONAL SEARCH REPORT, DECEMBER 15, 2000

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. JPP-1235-DIV1		SERIAL NO.		
				MACDOUGALD ET AL.				
				FILING 09/10/2003		GROUP		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,942,063	08-24-1999	MORI				
		5,958,468	09-28-1999	KUNKEL ET AL.				
		5,975,905	11-02-1999	KIM ET AL.				
		5,336,091	08-09-1994	SHOHER ET AL.				
		5,776,382	07-07-1998	KIM ET AL.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								